

WHAT IS CLAIMED IS:

1. A computer system for personalizing handwriting recognition, comprising:

a component having interfaces for personalizing a  
5 handwriting recognizer with data authored by a user; and  
a trainer operably coupled to the component for training  
the handwriting recognizer with the data.

2. The system of claim 1 further comprising an  
10 application operably coupled to the component for receiving  
the data authored by a user.

3. The system of claim 1 wherein the interfaces  
comprise an interface for retrieving ink from persistent  
15 storage.

4. The system of claim 1 wherein the interfaces  
comprise an interface for storing ink in persistent storage.

20 5. The system of claim 1 wherein the interfaces  
comprises an interface for retrieving text from persistent  
storage.

6. The system of claim 1 wherein the interfaces  
comprise an interface for storing text in persistent storage.

7. The system of claim 1 wherein the interfaces  
5 comprise an interface for enumerating ink stored in persistent  
storage.

8. The system of claim 1 wherein the interfaces  
comprise an interface for enumerating text stored in  
10 persistent storage.

9. The system of claim 1 wherein the interfaces  
comprises an interface for loading trained data from  
persistent storage.

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10. The system of claim 1 wherein the interfaces  
comprises an interface for requesting training of the data.

11. The system of claim 1 wherein the interfaces  
20 comprise an interface for sending the data to the component.

12. The system of claim 1 wherein the data comprises  
ink.

13. The system of claim 1 wherein the data comprises text.

14. The system of claim 1 wherein the component  
5 comprises an engine for collecting ink.

15. The system of claim 1 wherein the component  
comprises an engine for harvesting text.

10 16. The system of claim 1 wherein the component  
comprises an engine for storing trained data.

17. The system of claim 1 wherein the trainer comprises  
a shape trainer.

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18. The system of claim 1 wherein the trainer comprises  
a text trainer.

19. The system of claim 2 wherein the application  
20 comprises a personalization wizard.

20. The system of claim 2 wherein the application  
comprises an ink viewer.

21. The system of claim 2 wherein the application comprises a text viewer.

22. A computer-readable medium having computer-  
5 executable components comprising the system of claim 1.

23. A method for personalizing handwriting recognition, comprising the steps of:

collecting data authored by a user for personalizing  
10 handwriting recognition;  
storing the collected data persistently;  
training a handwriting recognizer using the stored data;  
and  
storing the trained data persistently.

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24. The method of claim 23 further comprising the step of recognizing handwriting using the trained data.

25. The method of claim 23 wherein the step of  
20 collecting data comprises collecting ink and translation text.

26. The method of claim 23 wherein the step of storing the data persistently comprises storing ink persistently.

27. The method of claim 23 wherein the step of storing the data persistently comprises storing text and input scope.

28. The method of claim 23 wherein the step of storing  
5 the data persistently comprises storing an email address.

29. The method of claim 23 wherein the step of storing the data persistently comprises storing a URL.

10 30. The method of claim 23 wherein the step of training comprises invoking a trainer for each trainable handwriting recognizer supporting the language of the collected data to perform training using the stored data.

15 31. The method of claim 30 wherein the step of invoking a trainer further comprises loading the trainer.

32. The method of claim 23 wherein the step of training comprises updating the language model of the handwriting  
20 recognizer during recognition.

33. The method of claim 23 wherein the step of training a handwriting recognizer using the stored data comprises

training multiple handwriting recognizers using the stored data.

34. A computer-readable medium having computer-  
5 executable instructions for performing the method of claim 23.

35. A computer system for personalizing recognition of an input method, comprising:

means for providing interfaces for personalizing multiple  
10 recognizers with data authored by a user; and  
means for training the recognizers with the data.

36. The system of claim 35 where in the means for providing interfaces comprises means for collecting data  
15 authored by a user.

37. The system of claim 35 where in the means for providing interfaces comprises means for storing data authored by a user.

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38. The system of claim 35 where in the means for training the recognizers comprises means for retrieving stored data authored by a user.

39. The system of claim 35 where in the means for training the recognizers comprises means for training the recognizers while the user provides input to the recognizers.

5        40. The system of claim 35 where in the means for training the recognizers comprises means for installing a pluggable trainer for training a new recognizer.